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⑪ Publication number:

0 268 370  
A3

⑫

## EUROPEAN PATENT APPLICATION

⑬ Application number: 87309045.0

⑮ Int. Cl. 4: H01L 49/00, H01L 29/28

⑭ Date of filing: 13.10.87

⑬ Priority: 13.10.86 JP 243684/86  
24.12.86 JP 309431/86  
27.05.87 JP 133157/87

⑭ Date of publication of application:  
25.05.88 Bulletin 88/21

⑮ Designated Contracting States:  
CH DE FR GB IT LI NL

⑯ Date of deferred publication of the search report:  
31.05.89 Bulletin 89/22

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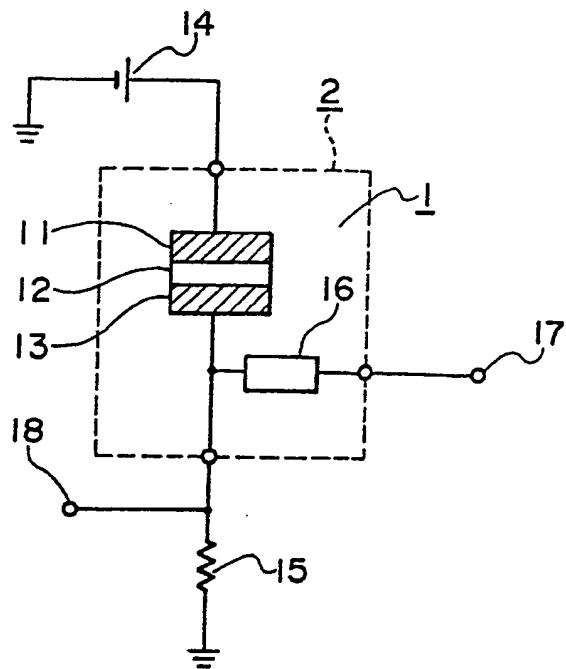
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⑯ Switching device.

⑯ A switching device is characterized by having a periodical layer structure of an organic insulator between a pair of electrodes and having memorizability with respect to switching characteristics. The layer

structure is formed of an amphiphilic compound according to the LB method.

FIG.1





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| DOCUMENTS CONSIDERED TO BE RELEVANT  |   |   |  |
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| Category   | Citation of document with indication, where appropriate, of relevant passages   | Relevant to claim   | CLASSIFICATION OF THE APPLICATION (Int. CL. 4)   |
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| <p>The present search report has been drawn up for all claims</p>  |   |   |  |
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| BERLIN   | 20-02-1989  | JUHL A.   |  |
| CATEGORY OF CITED DOCUMENTS  |   | <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or<br/>after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>&amp; : member of the same patent family, corresponding<br/>document</p> |  |
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| The present search report has been drawn up for all claims                       |   |                   |   |  |
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| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |   | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |   |

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